

FORM PTO-1449

(Substitute)

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Attorney Docket Number

SHPR-01041USQ

Serial No.

10/074,827

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

Applicant

Edward C. McKinney, Jr. et al.

Filing Date

February 12, 2002

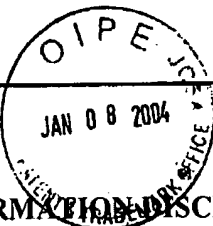
Group Art Unit

1711

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	Name	Class	Subclass	Filing Date
ht	1.	1,791,338 A	2/3/1931	Wintermute			4/12/1927
	2.	1,869,335 A	7/26/1932	Day			12/13/1926
	3.	2,359,057 A	9/26/1944	Skinner			2/28/1942
	4.	2,509,548 A	5/30/1950	White			5/27/1948
	5.	3,018,394 A	1/23/1962	Brown			7/3/1957
	6.	3,026,964 A	3/27/1962	Penney			5/6/1959
	7.	3,518,462 A	6/30/1970	Brown			8/21/1967
	8.	3,581,470 A	6/1/1971	Aitkenhead et al.			12/30/1969
	9.	3,638,058 A	1/25/1972	Fritzius			6/8/1970
	10.	3,744,216 A	7/10/1973	Halloran			8/7/1970
	11.	4,092,134 A	5/30/1978	Kikuchi			6/3/1976
	12.	4,244,710 A	1/13/1981	Burger			5/9/1978
	13.	4,253,852 A	3/3/1981	Adams			11/8/1979
	14.	4,284,420 A	8/18/1981	Borysiak			8/27/1979
	15.	4,318,718 A	3/9/1982	Utsumi et al.			7/14/1980
	16.	4,357,150 A	11/2/1982	Masuda et al.			2/5/1981
	17.	4,509,958 A	4/9/1985	Masuda et al.			10/8/1982
	18.	4,516,991 A	5/14/1985	Kawashima			4/25/1982
	19.	4,587,475 A	5/6/1986	Finney, Jr. et al.			7/25/1983
	20.	4,686,370 A	8/11/1987	Blach			2/13/1985
	21.	4,689,056 A	8/25/1987	Noguchi et al.			8/29/1986
	22.	4,726,812 A	2/23/1988	Hirth			3/26/1987
	23.	4,726,814 A	2/23/1988	Weitman			6/27/1986
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	25.	4,781,736 A	11/1/1988	Cheney et al.			11/20/1986
	26.	4,786,844 A	11/22/1988	Farrell et al.			3/30/1987
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✓	28.	5,183,480 A	2/2/1993	Rateman et al.			10/28/1991

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tt	29.	5,296,019 A	3/22/1994	Oakley et al.		8/24/1992
	30.	5,437,713 A	8/1/1995	Chang		12/1/1994
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	32.	5,669,963 A	9/23/1997	Horton et al.		12/26/1995
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	34.	5,997,619 A	12/7/1999	Knuth et al.		7/10/1998
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	37.	6,228,149 B1	5/8/2001	Alenichev et al.		1/20/1999
	38.	6,282,106 B2	8/28/2001	Grass		12/20/2000
	39.	6,348,103 B1	2/19/2002	Ahlborn et al.		4/3/1999
	40.	6,362,604 B1	3/26/2002	Cravey		9/28/1999
	41.	6,373,723 B1	4/16/2002	Wallgren et al.		6/18/1999
	42.	6,447,587 B1	9/10/2002	Pillion et al.		12/6/2001
	43.	6,464,754 B1	10/15/2002	Ford		2/29/2000
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	45.	6,504,308 B1	1/7/2003	Krichtafovitch et al.		10/14/1999
	46.	6,603,268 B2	8/5/2003	Lee		12/22/2000
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*	48.	2002/0069760 A1	6/13/2002	Pruette et al.
	49.	2002/0144601 A1	10/10/2002	Palestro et al.
	50.	2002/0152890 A1	10/24/2002	Leiser
	51.	2002/0170435 A1	11/21/2002	Joannou
	52.	2002/0190658 A1	12/19/2002	Lee
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*	54.	2003/0005824 A1	1/9/2003	Katou et al.

** Not considered by Examiner.*

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Group Art Unit

1711

PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	Inventor	Petition to Expunge	
					Yes	No
th	55.	10/278,193	10/21/2002	Reeves		X
✓	56.	10/405,193	4/1/2003	Taylor		X

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Translation	
					Yes	No
th	57.	WO00/10713 A1	3/2/2000	International	✓	
	58.	WO01/64349 A1	9/7/2001	International	✓	
	59.	WO01/85348 A2	11/15/2001	International	✓	
	60.	WO02/20162 A2	3/14/2002	International	✓	
	61.	WO02/20163 A2	3/14/2002	International	✓	
	62.	WO02/30574 A1	4/18/2002	International	✓	
	63.	WO02/32578 A1	4/25/2002	International	✓	
	64.	WO02/42003 A1	5/30/2002	International	✓	
	65.	WO02/066167 A1	8/29/2002	International	✓	
	66.	WO03/009944 A1	2/6/2003	International	✓	
	67.	WO03/013620 A1	2/20/2003	International	✓	
✓	68.	EP 0433152 A1	12/10/1990	Europe	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

th	69.	Trion Console 250 Electronic Air Purifier, photos and web literature from http://www.ontimemall.com/trionconsole250electronic.html and http://www.airfilters.net/netplace/hepa/250.html , Dates Unknown

EXAMINER

Thao Tran

DATE CONSIDERED

3/19/04

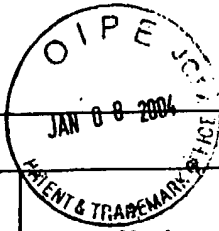
EXAMINER: Initial if references considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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*2 = Copy not submitted because it was submitted in prior application _____, filed _____, 20____, and relied upon under 35 USC §120.

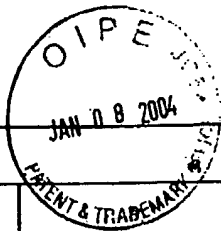


Form PTO-1449 (Substitute)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			Attorney Docket Number SHPR-01041USQ		Serial/Patent Number 10/074,827	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>					Applicant/Patent Owner Edward C. McKinney, Jr., et al.			
					Filing/Issue Date February 12, 2002		Group Art Unit 1741	
U.S. PATENTS								
Examiner Initial	Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date		
H	1.	2,949,550	Aug. 16, 1960	Brown	310	5	Jul. 3, 1957	
	2.	4,052,177	Oct. 4, 1977	Kide	55	139	Mar. 1, 1976	
	3.	4,138,233	Feb. 6, 1979	Masuda	55	139	Jun. 16, 1977	
	4.	4,209,306	Jun. 24, 1980	Feldman et al.	55	2	Nov. 13, 1978	
	5.	4,231,766	Nov. 4, 1980	Spurgin	55	138	Dec. 11, 1978	
	6.	4,232,355	Nov. 4, 1980	Finger et al.	361	235	Jan. 8, 1979	
	7.	4,244,712	Jan. 13, 1981	Tongret	55	124	Mar. 5, 1979	
	8.	4,259,452	Mar. 31, 1981	Yukuta et al.	521	52	May 15, 1979	
	9.	4,266,948	May 12, 1981	Teague et al.	55	126	Jan. 4, 1980	
	10.	4,282,014	Aug. 4, 1981	Winkler et al.	55	105	May 21, 1979	
	11.	4,342,571	Aug. 3, 1982	Hayashi	55	137	Jun. 14, 1978	
	12.	4,386,395	May 31, 1983	Francis, Jr.	363	27	Dec. 19, 1980	
	13.	4,413,225	Nov. 1, 1983	Donig et al.	323	246	Jul. 17, 1981	
	14.	4,445,911	May 1, 1984	Lind	55	2	Dec. 15, 1981	
	15.	4,502,002	Feb. 26, 1985	Ando	323	237	Sep. 2, 1982	
	16.	4,536,698	Aug. 20, 1985	Shevalenko et al.	323	237	Aug. 25, 1983	
	17.	4,600,411	Jul. 15, 1986	Santamaria	55	139	Apr. 6, 1984	
	18.	4,601,733	Jul. 22, 1986	Ordines et al.	55	139	Sep. 27, 1984	
	19.	4,626,261	Dec. 2, 1986	Jorgensen	55	2	Dec. 12, 1985	
	20.	4,643,745	Feb. 17, 1987	Sakakibara et al.	55	137	Dec. 17, 1984	
	21.	4,659,342	Apr. 21, 1987	Lind	55	2	Apr. 30, 1984	
	22.	4,674,003	Jun. 16, 1987	Zylka	361	235	Apr. 3, 1985	



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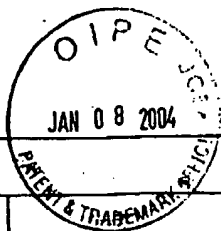
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
tt	23.	4,694,376	Sep. 15, 1987	Gesslauer	361	235	Sep. 26, 1985
	24.	4,713,093	Dec. 15, 1987	Hansson	55	139	Jul. 8, 1986
	25.	4,779,182	Oct. 18, 1988	Mickal et al.	363	37	Jun. 24, 1986
	26.	4,808,200	Feb. 28, 1989	Dallhammer et al.	55	105	Nov. 12, 1987
	27.	4,940,470	Jul. 10, 1990	Jaisinghani et al.	55	2	Mar. 23, 1988
	28.	5,010,869	Apr. 30, 1991	Lee	123	539	Aug. 11, 1989
	29.	5,196,171	Mar. 23, 1993	Peltier	422	121	Mar. 11, 1991
	30.	5,217,504	Jun. 8, 1993	Johansson	55	2	Mar. 20, 1990
	31.	5,302,190	Apr. 12, 1994	Williams	95	57	Jun. 8, 1992
	32.	5,315,838	May 31, 1994	Thompson	62	129	Aug. 16, 1993
	33.	5,378,978	Jan. 3, 1995	Gallo et al.	323	241	Apr. 2, 1993
	34.	5,484,472 C1	Feb. 20, 2001	Weinberg	96	26	Feb. 6, 1995
	35.	5,578,112	Nov. 26, 1996	Krause	96	24	Jun. 1, 1995
	36.	5,702,507	Dec. 30, 1997	Wang	96	55	Sep. 17, 1996
	37.	5,814,135	Sep. 29, 1998	Weinberg	96	58	Sep. 15, 1997
	38.	5,879,435	Mar. 9, 1999	Satyapal et al.	96	16	Jan. 6, 1997
	39.	5,893,977	Apr. 13, 1999	Pucci	210	739	May 12, 1997
	40.	5,972,076	Oct. 26, 1999	Nichols et al.	95	81	Sep. 28, 1998
	41.	6,019,815	Feb. 1, 2000	Satyapal et al.	95	74	Sep. 11, 1998
	42.	6,042,637	Mar. 28, 2000	Weinberg	96	58	Sep. 28, 1998
	43.	6,063,168	May 16, 2000	Nichols et al.	96	80	Aug. 11, 1997
	44.	6,086,657	Jul. 11, 2000	Freije	95	2	Feb. 16, 1999
	45.	6,149,717	Nov. 21, 2000	Satyapal et al.	96	16	Dec. 22, 1998
	46.	6,149,815	Nov. 21, 2000	Sauter	210	635	Nov. 23, 1999
	47.	6,182,461 B1	Feb. 6, 2001	Washburn et al.	62	264	Jul. 16, 1999
	48.	6,193,852 B1	Feb. 27, 2001	Caracciolo et al.	204	176	May 28, 1997
	49.	6,212,883 B1	Apr. 10, 2001	Kang	60	275	Mar. 3, 2000
✓	50.	6,252,012 B1	Jun. 26, 2001	Egitto et al.	525	431	Aug. 30, 1999



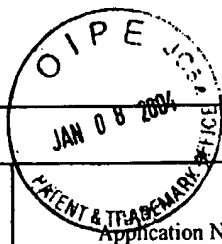
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Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
H	51.	6,270,733 B1	Aug. 7, 2001	Rodden	422	186.07	Feb. 17, 2000
	52.	6,277,248 B1	Aug. 21, 2001	Ishioka et al.	204	176	Jan. 5, 2000
	53.	D449,097 S	Oct. 9, 2001	Smith et al.	D23	364	May 1, 2000
	54.	6,302,944 B1	Oct. 16, 2001	Hoenig	96	16	Apr. 18, 2000
	55.	D449,679 S	Oct. 23, 2001	Smith et al.	D23	365	May 1, 2000
	56.	6,309,514 B1	Oct. 30, 2001	Conrad et al.	204	164	Nov. 7, 1994
	57.	6,312,507 B1	Nov. 6, 2001	Taylor et al.	96	19	Feb. 12, 1999
	58.	6,315,821 B1	Nov. 13, 2001	Pillion et al.	96	416	Jan. 11, 2001
	59.	6,328,791 B1	Dec. 11, 2001	Pillion et al.	96	418	May 3, 2000
	60.	6,350,417 B1	Feb. 26, 2002	Lau et al.	422	186.04	May 4, 2000
	61.	6,372,097 B1	Apr. 16, 2002	Chen	204	176	Apr. 14, 2000
	62.	6,379,427 B1	Apr. 30, 2002	Siess	95	57	Dec. 6, 1999
✓	63.	6,391,259 B1	May 21, 2002	Malkin et al.	422	28	Jun. 26, 1997

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Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge?		
					Yes	No	
*	64.	09/669,253	Sep. 25, 2000	Taylor et al.			X
	65.	09/669,268	Sep. 25, 2000	Taylor et al.			X
	66.	09/730,499	Dec. 5, 2000	Taylor et al.			X
	67.	09/742,814	Dec. 19, 2000	Taylor et al.			X
	68.	09/774,198	Jan. 29, 2001	Taylor			X
	69.	60/306,479	July 18, 2001	Taylor			X
*	70.	09/924,624	Aug. 8, 2001	Taylor			X

* Not considered by Examiner



PENDING U.S. PATENT APPLICATIONS						
Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No	
tt	71.	09/924,600	Aug. 8, 2001	Taylor et al.		X
	72.	60/341,179	Dec. 13, 2001	Taylor et al.		X
	73.	60/340,702	Dec. 13, 2001	Taylor et al.		X
	74.	60/341,377	Dec. 13, 2001	Taylor et al.		X
	75.	60/341,518	Dec. 13, 2001	Taylor		X
	76.	60/340,288	Dec. 13, 2001	Taylor		X
	77.	60/341,176	Dec. 13, 2001	Taylor		X
	78.	60/340,462	Dec. 13, 2001	Taylor		X
	79.	60/341,090	Dec. 13, 2001	Taylor		X
	80.	60/341,433	Dec. 13, 2001	Taylor		X
	81.	60/341,592	Dec. 13, 2001	Taylor		X
	82.	60/341,320	Dec. 13, 2001	Taylor		X
	83.	10/023,197	Dec. 13, 2001	Taylor et al.		X
	84.	10/023,460	Dec. 13, 2001	Taylor et al.		X
	85.	10/074,082	Feb. 12, 2002	Taylor et al.		X
	86.	10/074,209	Feb. 12, 2002	Taylor et al.		X
	87.	10/074,207	Feb. 12, 2002	Taylor et al.		X
	88.	10/074,208	Feb. 12, 2002	Taylor		X
	89.	10/074,339	Feb. 12, 2002	Taylor et al.		X
	90.	10/074,549	Feb. 12, 2002	Sinaiko et al.		X
	91.	10/074,103	Feb. 12, 2002	Sinaiko et al.		X
	92.	10/074,096	Feb. 12, 2002	Taylor et al.		X
	93.	10/074,347	Feb. 12, 2002	Taylor et al.		X
	94.	10/074,379	Feb. 12, 2002	Taylor et al.		X
	95.	10/156,158	May 28, 2002	Taylor et al.		X
✓	96.	60/391,070	Jun. 6, 2002	Reeves		X



PENDING U.S. PATENT APPLICATIONS

Examiner Initial		Application Number	Filing Date	First Named Inventor	Petition to Expunge? Yes No
tt	97.	10/188,668	Jul. 2, 2002	Taylor et al.	X

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Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Trans- lation Yes No
tt	98.	WO 01/47803 A1	Jul. 5, 2001	PCT			✓
	99.	WO 01/48781 A1	Jul. 5, 2001	PCT			✓
	100.	FR 2690509	Oct. 29, 1993	France			✓
	101.	JP 10137007	May 26, 1998	Japan			✓
	102.	JP 11104223	Apr. 20, 1999	Japan			✓
✓	103.	JP 2000236914	Sept. 5, 2000	Japan			✓

OTHER DOCUMENTS (Include author (if any), title, publisher and place of publication, date and pertinent pages)

tt	104.	LENTEK Sila™ Plug-In Air Purifier/Deodorizer product box copyrighted 1999.			
Examiner	Thao Tran			Date Considered	3/19/04

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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